

Installatie



context

dit document beschrijft de installatie van Home Assistant

Docker

1. download de image:

```
docker pull homeassistant/home-assistant
```

2. start de container:

```
docker run -d --name homeAssistant -p 8123:8123 homeassistant/home-assistant
```

3. open een browser op `http://<DockerHost>:8123`
4. doorloop de wizard: **CREATE MY SMARTHOME**

Debian

source: ChatGPT

Staging Debian VM

- Create a Debian VM on ESXi
- Give it
 - 2-4 vCPU
 - 4GB RAM (more if you plan many integrations).
 - 20-30 GB disk is usually sufficient for Home Assistant OS installation inside Debian.
- Update Debian:

```
sudo apt update && sudo apt upgrade -y  
sudo apt install -y software-properties-common curl
```

- Install dependencies for Home Assistant Supervised (if you choose this path)

Prepare for Zigbee integration

- Connect the Zigbee dongle to your Debian VM
- Plug the Zigbee USB dongle into your ESXi host.
- Pass it through to the Debian VM via **VM > Edit Settings > USB Controller > Add USB Device**
- Verify in Debian:

```
lsusb  
dmesg | grep tty
```

You should see something like `/dev/ttyUSB0` or `/dev/ttyACM0`.

- Install necessary tools (optional but useful):

```
sudo apt install -y git jq
```

Install Home Assistant Supervised on Debian

- Install Docker:

```
apt install -y docker.io  
sudo systemctl enable docker  
sudo systemctl start docker  
sudo usermod -aG docker $USER
```

Install Home Assistant Supervised

```
curl -Lo installer.sh  
https://raw.githubusercontent.com/home-assistant/supervised-installer/master  
/installer.sh  
bash installer.sh --machine qemu86-64
```

Verify Home Assistant

- Access in browser: `http://<VM-IP>:8123`
- Go through the onboarding wizard.

Set up Zigbee integration in Home Assistant

- Install Zigbee integration
- Use Zigbee2MQTT or ZHA (Zigbee Home Automation) add-on:
 - ZHA: Easiest, built into Home Assistant.
 - Go to **Settings > Devices & Services > Add Integration > Zigbee Home**

Automation

- Select your USB device (/dev/ttyUSB0).
- Zigbee2MQTT: More flexible if you already use MQTT.
- Zigbee2MQTT on Debian VM

```
git clone https://github.com/Koenkk/zigbee2mqtt.git
cd zigbee2mqtt
npm ci
cp configuration.yaml.example configuration.yaml
nano configuration.yaml # set your serial port
npm start
```

- Pair your sensors
- Follow pairing instructions of your Zigbee sensor.
- Once paired, Home Assistant should automatically detect temperature readings.

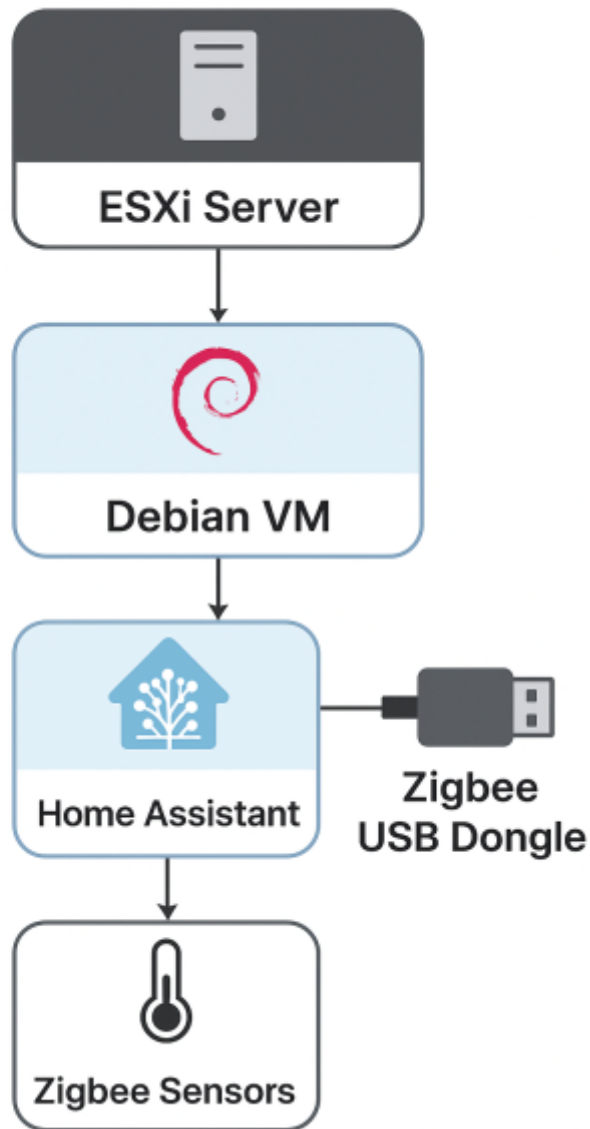
Automate and visualize

- Create a Lovelace card for temperature readings.
- Set automations to trigger events (e.g., if temp > 28°C, turn on a fan).

Optional enhancements

- Use Docker Compose for Home Assistant and Zigbee2MQTT if you want better control.
- Back up the Home Assistant VM regularly (snapshots on ESXi).
- Consider a dedicated Zigbee coordinator like CC2531, CC2652, or ConBee II for best reliability.

==== Diagram ====



meer info

- [Onboarding wizard](#)
- [Home Assistant homepage](#)
- [Docker installatie](#)

[home assistant, docker](#)

From:
<https://louslab.be/> - **Lou's lab**

Permanent link:
https://louslab.be/doku.php?id=home_assistant:installatie&rev=1760360080

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